

**MAGNETICALLY GUIDABLE CARRIERS AND
METHODS FOR THE TARGETED MAGNETIC DELIVERY
OF SUBSTANCES IN THE BODY**

ABSTRACT OF THE DISCLOSURE

A method of delivering a substance to targeted tissue comprising the steps of: delivering a plurality of magnetically responsive particles which are carrying the substance and have a hydrophobic coating into the patient's vasculature upstream of the targeted tissue; and applying a magnetic gradient in the vicinity of the targeted tissue to draw the magnetically responsive particles against the wall of the patient's vasculature in the vicinity of the targeted tissue, to allow the substance on the magnetic particles to migrate through the wall of the patient's vasculature to targeted tissue.